

WHAT IS CLAIMED IS:

1. A pulse wave detecting apparatus, comprising:  
a pulse wave sensor which detects a pulse wave produced from a living subject and outputs a pulse wave signal representing the detected pulse wave;

a signal converting means for converting, according to a predetermined relationship between magnitude of pulse wave signal, and frequency, the pulse wave signal outputted from the pulse wave sensor, into a converted signal having an audible frequency; and

a sound outputting device which outputs a sound representing the converted signal provided by the signal converting means.

2. The apparatus according to claim 1, further comprising a signal normalizing means for normalizing a magnitude of the pulse wave signal outputted from the pulse wave sensor,

wherein the signal converting means converts, according to the predetermined relationship, the pulse wave signal that has been normalized by the signal normalizing means, into the converted signal.

3. The apparatus according to claim 1, wherein the signal converting means modulates, by using the pulse wave signal as a modulating signal, an audible frequency of a to-be-modulated signal, and thereby provides a modulated signal as the converted signal.

4. The apparatus according to claim 1, further comprising a display device which displays the pulse wave signal outputted from the pulse wave sensor.

5. The apparatus according to claim 2, further comprising a display device which displays the pulse wave signal that has been normalized by the signal normalizing means.

6. A pulse wave detecting apparatus, comprising:  
a pulse wave sensor which detects a pulse wave produced from a living subject and outputs a pulse wave signal representing the detected

pulse wave;

a signal converting device which converts, according to a predetermined relationship between magnitude of pulse wave signal, and frequency, the pulse wave signal outputted from the pulse wave sensor, into a converted signal having an audible frequency; and

a sound outputting device which outputs a sound representing the converted signal provided by the signal converting device.

7. The apparatus according to claim 6, further comprising a signal normalizing device which normalizes a magnitude of the pulse wave signal outputted from the pulse wave sensor,

wherein the signal converting device converts, according to the predetermined relationship, the pulse wave signal that has been normalized by the signal normalizing device, into the converted signal.